

Title (en)  
HOLDER FOR TOOLS WITH A CYLINDRICAL SHAFT

Publication  
**EP 0145985 A3 19860402 (DE)**

Application  
**EP 84113935 A 19841117**

Priority  
CH 672083 A 19831216

Abstract (en)  
[origin: EP0145985A2] A tool holder consisting of a sleeve (1) with a tapped hole (3) serves to accommodate a cylindrical tool shaft (2). A recess (10), diametrically opposite the tapped hole (3), in the inner wall (8) guarantees an exact three-point bearing between the clamping screw (3) and the lateral edges (9) of the recesses (10). <IMAGE>

IPC 1-7  
**B23B 31/04**

IPC 8 full level  
**B23B 31/107** (2006.01)

CPC (source: EP)  
**B23B 31/1075** (2013.01)

Citation (search report)  
• [X] US 2362053 A 19441107 - DANIELSON EPHRAIM R  
• [A] FR 2495978 A1 19820618 - RENAULT [FR]  
• [XP] PATENTS ABSTRACTS OF JAPAN, Band 8, Nr. 164 (M-313)[1601], 28. Juli 1984; & JP - A - 59 59303 (YAMAZAKI TEKKOSHO K.K.) 05.04.1984

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US5137401A; US6394465B1; US7112020B2; EP1633515A4; WO9103347A1; WO2022079707A1; DE112021005417T5; US11819928B2

Designated contracting state (EPC)  
AT BE DE FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0145985 A2 19850626; EP 0145985 A3 19860402**; DE 8436547 U1 19850322

DOCDB simple family (application)  
**EP 84113935 A 19841117**; DE 8436547 U 19841213